

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	10/612793	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L2	6	L1 and differential	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L3	4	("20040246764"   "20050098800").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L4	3	L3 and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L5	28	"10326470"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L6	25	"10326470" and herner and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L7	9	"10326470" and herner and diode not "10855784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20

L8	16	"10326470" and herner and diode and "10855784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L9	15	"10326470" and herner and diode and p-i-n	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L10	15	L9 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L11	1	"10326470" and herner and diode and "10855784" not p-i-n	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L12	1	(undoped intrinsic) with diode and "10855784" not p-i-n	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L13	23	(HERNER near2 SCOTT CLEEVES near2 JAMES KNALL near2 JOHAN).in. and p-i-n	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L14	23	L13 not L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L15	23	L13 not "10855784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20

L16	4	L13 and "09939431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L17	22	10/232,855	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L18	2	"20040041212".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L19	2	"7042027".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L20	33	("20020048190"   "20020105023"   "20030042534"   "20030072126"   "20030089942"   "20030151948"   "20030160277"   "20040007734"   "20040014304"   "20040041206"   "3918033"   "3978577"   "4488262"   "4791604"   "4870470"   "5396454"   "5488243"   "5557569"   "5627779"   "5814853"   "6104045"   "6243296"   "6248626"   "6294427"   "6462359"   "6545297"   "6574143"   "6600188"   "6611452"   "6638627"   "6653174"   "6653175"   "6660616").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20

L21	591	("20020048190"   "20020105023"   "20030042534"   "20030072126"   "20030089942"   "20030151948"   "20030160277"   "20040007734"   "20040014304"   "20040041206"   "3918033"   "3978577"   "4488262"   "4791604"   "4870470"   "5396454"   "5488243"   "5557569"   "5627779"   "5814853"   "6104045"   "6243296"   "6248626"   "6294427"   "6462359"   "6545297"   "6574143"   "6600188"   "6611452"   "6638627"   "6653174"   "6653175"   "6660616")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L22	82	L21 and thyristor with gate	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L23	18	L22 and (un\$1doped intrinsic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L24	20	"6,229,161" and (un \$1doped intrinsic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L25	136	"6,229,161" and (un \$1doped intrinsic thyristor npnp npnp pin p-i-n) and memory	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L26	19	L25 and (un\$1doped intrinsic pin p-i-n)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L27	14	blanchard and ndr	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L28	8	blanchard and ndr and memory	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20
L29	52	("20010024841"   "20020093030"   "20020096690"   "20020100918"   "3943549"   "4031412"   "4032955"   "4612448"   "4672410"   "4673962"   "4677455"   "4734384"   "4829357"   "4833516"   "4864168"   "4959703"   "4982258"   "5034785"   "5099300"   "5106776"   "5202750"   "5252845"   "5283456"   "5321285"   "5324966"   "5390145"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 08:20

		"5396454"   "5412598"   "5463344"   "5464994"   "5528062"   "5543652"   "5641694"   "5689458"   "5705835"   "5821549"   "5874751"   "5910738"   "5914503"   "5936267"   "5939736"   "5981984"   "6081002"   "6210981"   "6225165"   "6229161"   "6258634"   "6281025"   "6391689"   "6448586"   "6462359"   "6472693"). PN.				
L30	4	((("7042027") or ("6917078")).PN.	USPAT; DERWENT	OR	OFF	2008/03/27 08:20
L31	1	t-ram.asn. and (intrinsic un \$doped) same thyristor	USPAT; DERWENT	OR	OFF	2008/03/27 08:20
L32	2	t-ram.asn. and (intrinsic un \$doped) same thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L33	2	ram.asn. and (intrinsic un \$doped) same thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L34	2	t\$1ram.asn. and (intrinsic un\$doped) same thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L35	18140	(ram t\$1ram tram t-ram). asn. and memory thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L36	84	(ram t\$1ram tram t-ram). asn. and memory with thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L37	30	(ram t\$1ram tram t-ram). asn. and memory with thyristor with (gate gated gating)	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L38	77	(Horch near2 Andrew Lee near2 Zachary Nemati near2 Farid Robins near2 Scott Plummer near2 James Yang near2 Kevin Tarabbia near2 Marc Cho near2 Hyun-Jin).in. and memory and thyristor	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L39	30	L37 and thyristor with (gate gated gating)	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L40	64	L38 and thyristor with (gate gated gating)	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L41	36	L40 not L37	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L42	109	Novel adj Thyristor-based adj SRAM	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20

L43	1	("20020151130").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L44	2	((("20020151130") or ("20020093390")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L45	6	L1 and (intrinsic un \$1doped)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L46	4	L1 and (intrinsic un \$1doped).detx.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L47	68	(thyristor and (intrinsic un \$1doped)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L48	8	jp-5205017?-\$\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L49	3	KUWAGATA near2 MASAHIRO and thyristor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L50	7	"5360990" and (negative negative undoped intrinsic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L51	49	pnipn npin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L52	13	L51 and thyristor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20

L53	15	L51 and gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L54	18	L52 or L53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L55	18	L51 and (gate gto thyristor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L56	31	L51 not (gate gto thyristor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L57	6	(US-4086611-\$ or US- 5360990-\$ or US-5369291- \$ or US-3638082-\$ or US- 3737741-\$).did. or (US- 3284639-\$).did.	USPAT; USOCR	OR	OFF	2008/03/27 08:20
L58	52	"4086611" "5360990" "5369291" "3638082" "3737741" "3284639"	USPAT; USOCR	OR	OFF	2008/03/27 08:20
L59	43	L58 and (intrinsic gate thyristor un\$doped)	USPAT; USOCR	OR	OFF	2008/03/27 08:20
L60	8	L58 and negative adj resistance	USPAT; USOCR	OR	OFF	2008/03/27 08:20
L61	31	(US-20020027793-\$ or US- 20050105371-\$ or US- 20050098800-\$ or US- 20050001232-\$ or US- 20040071013-\$ or US- 20020096690-\$ or US- 20020109150-\$ or US- 20020151130-\$ or US- 20020093390-\$).did. or (US-5360990-\$ or US- 5369291-\$ or US-3638082- \$ or US-3737741-\$ or US- 6462359-\$ or US-6690039- \$ or US-6965129-\$ or US- 6727528-\$ or US-6583452- \$ or US-6756612-\$ or US- 6913955-\$ or US-6479862-	US-PGPUB; USPAT; USOCR; JPO; IBM_TDB	OR	OFF	2008/03/27 08:20

		\$ or US-4086611-\$ or US-3566206-\$).did. or (US-3470036-\$ or US-3284639-\$ or US-3082131-\$).did. or (JP-52050173-\$ or JP-52050174-\$ or JP-52050175-\$ or JP-52050176-\$ or JP-52050177-\$).did. or (NN7009943).tban.				
L62	2	L61 and negative adj resistance and stable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L63	3	L61 and negative near3 resistance with stable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L64	9	(US-20020109150-\$ or US-20020151130-\$ or US-20040071013-\$).did. or (US-6965129-\$ or US-6690039-\$ or US-6756612-\$ or US-6583452-\$ or US-6913955-\$ or US-6229161-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L65	9	L64 and (bit\$1line or bit adj line) and (word\$1line or word adj line)	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L66	8	L64 and ((bit\$1line or bit adj line) and (word\$1line or word adj line)).detx.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L67	4	(US-20020151130-\$ or US-20020109150-\$).did. or (US-6965129-\$ or US-6229161-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L68	4	(US-20020151130-\$ or US-20020109150-\$).did. or (US-6965129-\$ or US-6229161-\$).did.	DERWENT	OR	OFF	2008/03/27 08:20
L69	18	("3858060"   "3918033"   "3964085"   "3978577"   "4068217"   "4488262"   "4692785"   "4754310"   "4791604"   "4829482"   "4870470"   "5043946"   "5382814").pn.	DERWENT	OR	OFF	2008/03/27 08:20



L70	13	("3858060"   "3918033"   "3964085"   "3978577"   "4068217"   "4488262"   "4692785"   "4754310"   "4791604"   "4829482"   "4870470"   "5043946"   "5382814").pn.	USPAT	OR	OFF	2008/03/27 08:20
L71	4	L70 and thyristor	USPAT	OR	OFF	2008/03/27 08:20
L72	69	257/124,154.ccor.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L73	273	257/124,154.ccls.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L74	492	(noble blanchard) and (negative reverse) near2 (resistivity conductivity resistance conductance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L75	28	(noble blanchard).in. and (negative reverse) near2 (resistivity conductivity resistance conductance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L76	20	L75 and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L77	19	L76 and (thyristor diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L78	121	negative near3 (resistance resistivity) and thyristor and breakdown adj voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L79	22	negative near3 (resistance resistivity) and (p-i-n npin pnipn) and breakdown adj voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20

L80	19	"3,356,866"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L81	34	"2899652"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L82	7	"2899664"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L83	40	L81 or L82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L84	15	"2794917"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 08:20
L85	1	(US-20050001232-\$).did.	US-PGPUB	OR	OFF	2008/03/27 08:20
L86	3	(US-20020109150-\$).did. or (US-6965129-\$ or US- 6229161-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L87	2	L86 And (anode and cathode and gate).detx.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L88	1	(US-6229161-\$).did.	USPAT	OR	OFF	2008/03/27 08:20
L89	1	L88 And (anode and cathode and gate).detx.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L90	1	("6965129").PN.	USPAT	OR	OFF	2008/03/27 08:20
L91	4	((("2,983,854") or ("3,105,177") or ("5,412,598") or ("5,686,739")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20
L92	2	L91 and (ndr negative near2 (resistivity resistance)).detx.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:20

3/ 27/ 2008 9:08:36 AM

C:\ Documents and Settings\ TDickey\ My Documents\ EAST\ Workspaces\ 10612793.w sp